

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: DÜTSCH-2

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| In re Application of: |) |
| MATTHIAS DÜTSCH et al. |) |
| Appl. No.: NOT YET KNOWN |) |
| Filed: Simultaneously Herewith |) |
| For: METHOD FOR GENERATING AND VISUALIZING A TASK-ORIENTED STEP REPRESENTATION |) |


INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Express Mail mailing label number: **EV 431637822 US**
Date of Deposit: **February 27, 2004**
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450".

BARBARA ERNZERHOFF-SNOW

[Name of person mailing paper or fee]



[Signature]

S I R:

In accordance with 37 C.F.R. 1.56, applicant wishes to call the attention of the Examiner to the following references A) to D). Applicant does not admit that any of the cited documents constitutes prior art against the pending application.

| | Country: | Patent or Appl. No: | Patentee or Applicant: | Issue or Filing Date: |
|----|----------|------------------------|---------------------------|--------------------------|
| A) | Germany | DE 39 01 838 A1 | Hüller Hille GmbH | 08-02-1990 |
| B) | Germany | DE 100 38 441 A1 | Siemens AG | 10-24-2002 |
| C) | Germany | DE 690 30 318 T2 | Perkin-Elmer | 10-16-1997 |
| D) | Germany | DE 43 25 691 A1 | Siemens AG | 02-02-1995 |

Copies of these references are submitted herewith along with form PTO-1449. The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

☒ This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under 1.53(d), so that no fee under 37 C.F.R. §1.97 is due.

☐ This Information Disclosure Statement is filed within three months of the date of entry of the national stage as set forth in 1.491 in an international application, so that no fee under 37 C.F.R. §1.97 is due.

☐ This Information Disclosure Statement is filed before the mailing of a first Office Action on the merits, so that no fee under 37 C.F.R. §1.97 is due.

☐ This Information Disclosure Statement is filed before the mailing of a first Office Action after the filing of a request for continued examination under §1.114, so that no fee under 37 C.F.R. §1.97 is due.

☐ This Information Disclosure Statement is filed after the issuance of a first office but before issuance of a final action under §1.113, or a notice of allowance under §1.311.

☐ This Information Disclosure Statement is submitted after the mailing of a final action or a notice of allowance, but before payment of the issue fee.

☐ The undersigned submits the following statement requesting consideration of this statement:

The undersigned hereby states:

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement;

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

☐ The fee of \$180.00 set forth in 1.17(p).

☐ The Commissioner is hereby authorized to charge the fee as set forth in 1.17(p), and any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

In addition, applicant notes with respect to any information that is not in English language as follows:

Reference A) describes a method for processing workpieces having side-by-side numerically-controlled spindles 6 supplied with tools from a common magazine 3, such that similar or dissimilar workpieces can be processed simultaneously without needing to use a fixed numerical program sequence but flexibly in accordance with different strategies. The spindles are supplied via respective rotary tool changing devices, each device having two arms integrally together and mutually angled for removing and replacing tools. The required axial movements for tool insertion and removal are made by the spindles.

Reference B) describes a method for graphical programming of industrial controllers, especially movement controllers. Accordingly a user is supported in regard of SPS functionality as well as motional functionality. Graphical flow charts are used to generate a textual language that is compiled into a processor independent intermediate code. This code is loaded into the controller and converted into executable code.

Reference C) describes an automated apparatus programmed to perform a process by arranging a sequence of first icons on a display in the order of the process, wherein the first icons represent functions of the apparatus, and wherein at least one of the first icons provides a visual representation of a function of the apparatus. The at least one of the first icons can be expanded to show second icons that comprise the function of the at least one of the first icons, and at least one of the second icons provides a visual representation of a subfunction of the

apparatus. When the at least one of the first icons is expanded, the at least one of the first icons maintains its same sequential relationship on the display to the other of the first icons in the sequence as before it was expanded.

Reference D) describes parts programs, which are processed in numerical control systems, having high-level language instructions with symbolic identifiers, apart from normalized instructions for defined functions. These instructions must be programmed in accordance with a fixed syntax. So that syntax errors are recognized as soon as possible, but the partial programs are executed as quickly as possible, the partial programs are translated clause by clause into a binary intermediate language which is optimal for processing. The translation can be carried out off-line or on-line.

The above-identified application discloses and claims an invention patentable over this prior art.

Entry of the references above set forth into the file of the above application is believed to be in order and is respectfully requested.

Respectfully submitted

By: 

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INFORMATION DISCLOSURE CITATION

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| Attorney's Docket No. DÜTSCH-2 | Applicant MATTHIAS DÜTSCH et al. | Appl. No. NOT YET KNOWN |
| Filing Date | Group | Examiner |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date, if appropriate |
|------------------|-----------------|------|------|-------|----------|-----------------------------|
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FOREIGN PATENT DOCUMENTS

| | Document Number | Date | Country | Class | Subclass | Translation |
|--|------------------|------------|---------|-------|----------|-------------|
| | DE 39 01 838 A1 | 08-02-1990 | Germany | | | no |
| | DE 100 38 441 A1 | 10-24-2002 | Germany | | | no |
| | DE 690 30 318 T2 | 10-16-1997 | Germany | | | no |
| | DE 43 25 691 A1 | 02-02-1995 | Germany | | | no |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner:**Date considered:**

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.